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ASSIGNMENTS

OF

SOIL SURVEY PARTIES

FOR THE

FIELD SEASON OF 1904

MAY 4, 1904.

Reserve

50325 United States Department of Agriculture,

1904-1905

BUREAU OF SOILS.

JAN 25 1957

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ASSIGNMENTS OF SOIL-SURVEY PARTIES FOR THE FIELD
SEASON, 1904.

The following changes are made in the assignments of the soil-survey parties for the field season of 1904 to meet the exigencies of the public service, and are issued as an amendment to the assignment card of March 10, 1904.

1. Bennett, F., jr., and Griffen, A. M., will continue the survey of Orangeburg County, South Carolina, and complete that portion of the county east of Orangeburg. July 1 Mr. Bennett and Mr. Hurst will proceed to Lancaster, S. C., and survey Lancaster County. October 1 the party will proceed to Red Springs, N. C., and survey the northern part of Robeson County.

2. Bonsteel, F. E., and Carr, E. P., will proceed to Providence, R. I., and survey the entire State. Upon the completion of this area Mr. Bonsteel will report to Washington, D. C., until January 1, 1905, while Mr. Carr will be assigned to another party.

3. Bonsteel, J. A., will continue his soil instruction work at Cornell University, and, in addition, will have general charge of the soil survey in New York, and survey the Dryden U. S. G. S. sheet.

4. Burke, R. T. A., and Root, A. S., will proceed to Hampton, Va., and survey Warwick, York, Elizabeth City, and James City counties. July 1 the party will proceed to Fredericks Hall, Va., and survey the northern part of the Goochland quadrangle. Upon the completion of this area the party will proceed to Gloucester, Va., and survey Gloucester County.

5. Caine, T. A., and Lyman, W. S., will proceed to Wooster, Ohio, and survey the Wooster and Massillon U. S. G. S. sheets. July 1 the party will proceed to Superior, Wis., and survey as large an area as possible around Superior, Wis., and Duluth, Minn. October 1 the party will proceed to Appomattox, Va., and survey Appomattox County.

6. Carr, M. E., and Belden, H. L., will proceed October 1 to Marshall, Mo., and survey Saline County.

7. Carter, W. T., jr., and Kocher, A. E., will continue the survey of Anderson County, Texas. Upon the completion of this county the party will proceed to Crockett, Texas, and survey Houston County.

8. Coffey, G. N., and Burgess, J. L., will proceed to Garden City, Kans., and survey the northern part of the Garden U. S. G. S. sheet. July 1 the party will proceed to Iola, Kans., and survey Allen County. October 1 the party will proceed to Hiawatha, Kans., and survey Brown County.

9. Ely, C. W., and Hurst, L. A., will complete the survey of Tama County, Iowa. July 1 Mr. Ely and Mr. Griffen will proceed to Ithaca, Mich., and survey the northern half of Gratiot County. Upon completion of this area the party will assist Mr. Hearn in the Saginaw area, Michigan. Upon completion of this area Mr. Ely will report to Washington, D. C., Mr. Griffen will relieve Mr. Jones, and take charge of the party in Louisiana.

10. Fippin, E. O., and Drake, J. A., will proceed to Wentzville, Mo., and survey the central part of the O'Fallon quadrangle. July 1 the party will proceed to Cando, N. Dak., and survey as much as possible of Towner County. October 1 the party will proceed to Marshfield, Mo., and survey Webster County.

11. Hearn, W. E., and Carr, M. E., will continue the survey of Harrison County, Miss. July 1 Mr. Hearn and Mr. McLendon will continue the survey of the Saginaw, Mich. area, comprising parts of Saginaw, Bay, Tuscola, and Huron counties, with headquarters at Saginaw. Upon completion of this area Mr. Hearn and Mr. McLendon will proceed to Montgomery, Ala., and survey Montgomery County.

12. Holmes, J. G., about May 1 will report to Washington, D. C., for two months' assignments. July 1 Mr. Holmes and Mr. N. P. Neill will proceed to Greeley, Colo., and survey as large an area as possible of the irrigable lands around that point. October 1 the party will proceed to Fort Collins, Colo., and survey as large an area as possible of the irrigable lands.

13. Jensen, C. A., and Strahorn, A. T., will proceed to Brigham, Utah, and spend six months in surveying as large an area as possible of the irrigable lands in the Bear River Valley.

14. Jones, G. B., and Ruhlen, L. M., will continue the survey of De Soto Parish, Louisiana. Upon the completion of this survey the party will proceed to Hammond, La., and survey Tangipahoa Parish. October 1 Mr. Jones will report to Washington, D. C., for a three months' assignment, being relieved by Mr. Griffen.

15. Lapham, J. E., and Bennett, H. H., will proceed to Auburn, N. Y., and survey all of Cayuga County below latitude 43°. October 1 the party will proceed to Elizabeth City, N. C., and survey Perquimans and Pasquotank counties.

16. Lapham, M. H., and Mackie, W. W., will return to Sacramento, Cal. Upon the completion of the Sacramento area the party will survey other areas in California to be decided upon.

17. Mangum, A. W., and Neill, N. P., will proceed to Boonville, Ind., and survey parts of Begonia Springs, Boonville, and Owensboro U. S. G. S. sheets. The party will then proceed to Scottsburg, Ind., and survey Scott County. July 1 Mr. Mangum and Mr. M. E. Carr will proceed to Corunna, Mich., and survey the northern part of Shiawasse County. Upon completion of this area the party will assist Mr. Hearn in the Saginaw, Mich., area. Upon completion of the area Mr. Mangum will report to Washington, D. C. Mr. Carr will take charge of a party in Missouri.

18. Marean, H. W., and McLendon, W. E., will proceed to Saginaw, Mich., about May 1, and begin the survey of the Saginaw area. On July 1 Mr. Hearn will take charge of the area, and Mr. Marean will make a special study of the soils with reference to the sugar beet industry.

19. Martin, J. O., and Sweet, A. T., will continue the survey of the Platte River valley from Kearney to Lexington, Nebr. July 1 the party will proceed to North Platte, Nebr., and survey as large an area as possible in Lincoln County. October 1 the party will proceed to Plymouth, Ind., and survey Marshall County.

20. Mooney, C. N., and Ayrs, O. L., will proceed to Greeneville, Tenn., and survey the western two-thirds of the Greeneville U. S. G. S. sheet. July 1 the party will proceed to Lawrenceburg, Tenn., and survey Lawrence County. October 1 the party will proceed to Lexington, Tenn., and survey Henderson County.

21. Rice, T. D., and Geib, W. J., will proceed to Coshocton, Ohio, and survey Coshocton County. July 1 the party will proceed to Autrain, Mich., and survey as large an area as possible in Alger County. October 1 the party will proceed to Bowling Green, Ky., and survey Warren County.

22. Smith, W. G., and Meeker, F. N., will continue the survey of Sumter County, Alabama. Upon the completion of this county the party will proceed to Blount Springs, Ala., and survey Blount County. Upon the completion of this survey the party will proceed to Selma, Ala., and survey Dallas County.

23. Wilder, H. J., and Belden, H. L., will proceed to Vergennes, Vt., and survey the Port Henry and Ticonderoga U. S. G. S. sheets. July 1 the party will proceed to Gettysburg, Pa., and survey Adams County. October 1 Mr. Wilder will report to Washington, D. C., for a three months' assignment, while Mr. Belden will be assigned to another party.

MILTON WHITNEY,

Chief of Bureau.

WASHINGTON, D. C., May 4, 1904.

Approximate areas to be surveyed in 1904.

State.	Area.	Sq. Mi.	Remarks.	Party.
Alabama	Sumter County	2	910 In progress	Smith-Meeker.
Do.	Blount County	4	753 All of county	Smith-Meeker.
Do.	Dallas County	4	1,195 All of county	Smith-Meeker.
Do.	Montgomery County	4	772 All of county	Hearn-McLendon.
California	Bakersfield area	2	300 Completed	M. H. Lapham-Mackie.
Do.	Sacramento area	3	1,000 Part completed	Jensen-Strahorn.
Do.	Other areas			M. H. Lapham-Mackie.
Do.	San Bernardino area	3	600 Completed	Holmes party.
Colorado	Ft. Collins area		500	Holmes-Neill.
Do.	Greeley area		500	Holmes-Neill.
Florida	Gainesville area	3	500 Completed	Rice-Geib.
Georgia	Decatur County	2	500 Completed	Fippin-Drake.
Do.	Dodge County	4	414 Completed	Ely-Griffen.
Indiana	Marshall County		441 All of county	Martin-Sweet.
Do.	Boonville area	3	270 Part of sheets	Mangum-Neill.
Do.	Scott County	4	190 All of county	Mangum-Neill.
Iowa	Tama County	1	768 All of county	Ely-Hurst.
Kansas	Allen County		504 All of county	Coffey-Burgess.
Do.	Brown County		576 All of county	Coffey-Burgess.
Do.	Garden City area	3	500 Part of sheet	Rice-Geib.
Kentucky	Warren County		530 All of county	Jones-Ruhlen.
Louisiana	De Soto Parish	2	865 In progress	Jones-Ruhlen.
Do.	Tangipahoa Parish	2	780 All of parish	Griffen-Ruhlen.
Do.	East Baton Rouge		451 All of parish	Rice-Geib.
Michigan	Alger County		500 Part of county	Hearn-McLendon.
Do.	Saginaw area	1	1,000 Parts of 4 counties	Mangum-M. E. Carr.
Do.	Shiawassee area	1	290 Northern part of county	Ely-Griffen.
Do.	Gratiot area	1	290 Northern part of county	Hearn-M. E. Carr.
Mississippi	Harrison County	2	600 In progress	Martin-Ayrs.
Do.	Jackson area	3	750 Completed	M. E. Carr-Belden.
Missouri	Saline County		760 All of county	Fippin-Drake.
Do.	O'Fallon quadrangle	3	750 Part of sheet	Fippin-Drake.
Do.	Webster County		630 All of county	Martin-Sweet.
Nebraska	Lincoln County		500 Part of county	Martin-Sweet.
Do.	Kearney area	3	500 Part of sheet	Martin-Sweet.
New York	Auburn area	3	500 Part of sheets	J. E. Lapham-H. H. Bennett.
Do.	Dryden area	3	250 All of sheet	J. E. Lapham-H. H. Bennett.
North Carolina	Perquimans and Pasquotank counties		440 All of two counties	J. A. Bonsteel.
Do.	Robeson County		500 Northern part of county	J. E. Lapham-H. H. Bennett.
North Dakota	Cando area		500 All of county	Fippin-Drake.
Ohio	Coshocton County	1	550 All of two sheets	Rice-Geib.
Do.	Wooster area	3	500 All of county	Caine-Lyman.
Pennsylvania	Adams County		535 All of county	Wilder-Belden.
Rhode Island	State	3	1,085 All of State	F. E. Bonsteel-E. P. Carr
South Carolina	Orangeburg area	2	700 In progress	F. Bennett-Griffen.
Do.	Lancaster County		535 All of county	F. Bennett-Hurst.
Tennessee	Lawrence County		400 Completed	F. E. Bonsteel-E. P. Carr
Do.	Greenville area	3	675 All of county	Mooney-Ayrs.
Do.	Henderson County		500 Part of sheet	Mooney-Ayrs.
Texas	Austin sheet	5	500 Completed	Mooney-Ayrs.
Do.	San Antonio area	4	450 Completed	Mangum-Belden.
Do.	Anderson County	4	1,000 In progress	Caine-Lyman.
Do.	Houston County		1,200 All of county	Carter-Kocher.
Utah	Bear River Valley		250	Carter-Kocher.
Vermont	Champlain Valley	3	450 All of two sheets	Jensen-Strahorn.
Virginia	Appomattox County		317 All of county	Wilder-Belden.
Do.	Gloucester County		245 All of county	Caine-Lyman.
Do.	Goochland quadrangle	3	600 Part of sheet	Burke-Root.
Do.	Warwick, ² York, ² Elizabeth City, ¹ James City counties	2	430 All of four counties	Burke-Root.
Wisconsin	Superior area		500 Part of county	Burke-Root.

¹ Print of county map will be furnished.

² Plane table survey.

³ Topographic sheet.

⁴ Plane table to be used if reliable county map can not be obtained.

Assignment of soil survey parties, 1904.

Party.	April 1-July 1.	July 1-Oct. 1.	Oct. 1-Jan. 1.
Bennett, F.-Griffen	Orangeburg, S. C		
Bennett, F.-Hurst		Lancaster Co., S. C	Robeson Co., N. C.
Bonsteel, F. E.-Carr, E. P.	Rhode Island	Rhode Island	Rhode Island.
Bonsteel, J. A.	New York	Dryden sheet, N. Y.	New York.
Burke-Root	York Neck, Va.	N. part of Goochland quadrangle, Va.	Gloucester Co., Va.
Caine-Lyman	Wooster, Ohio	Superior, Wis.	Appomattox Co., Va.
Carr, M. E.-Belden			Saline Co., Mo.
Carter-Kocher	Anderson Co., Tex	Anderson Co., Tex	Houston Co., Tex.
Coffey-Burgess	Garden City, Kans		Brown Co., Kans.
Coffey-Drake		Allen Co., Kans	
Ely-Hurst	Tama Co., Iowa	Gratiot area, Mich	
Ely-Griffen			
Ely	O'Fallon Quadr., Mo	Cando, N. D.	Washington, D. C.
Fippin-Drake			Webster Co., Mo.
Fippin-Burgess	Wiggins area, Miss		
Griffen-Ruhlen		Saginaw, Mich.	E. Baton Rouge, La.
Hearn-Carr, M. E.	Washington, D. C.	Greeley area, Colo.	Montgomery Co., Ala.
Hearn-McLendon	Bear River Valley, Utah.	Bear River Valley, Utah.	Fort Collins, Colo.
Holmes			
Holmes-Neill		Tangipahoa Par., La.	
Jensen-Strahorn		New York	
Jones-Ruhlen			
Jones			
Lapham, J. E.-Bennett, H. H.	Auburn area	California	Washington, D. C.
Lapham, M. H.-Mackie	Sacramento area		
Mangum-Neill	Boonville area and Scott County, Ind.	Shiawassee, Mich.	
Mangum-Carr, M. E.			Washington, D. C.
Mangum			
Marean-McLendon	Saginaw, Mich		
Martin-Sweet	Kearney, Nebr.	Lincoln Co., Nebr.	Marshall Co., Ind.
Mooney-Ayrs	Greeneville, Tenn.	Lawrence Co., Tenn.	Henderson Co., Tenn.
Rice-Geib	Coshcocton Co., Ohio	Autrain, Mich	Warren Co., Ky.
Smith-Meeker	Sumter Co., Ala	Blount Co., Ala	Dallas Co., Ala.
Wilder-Belden	Champlain Val., Vt	Adair Co., Pa.	
Wilder			Washington, D. C.

NOTES.—The agricultural appropriation bill for the year ending June 30, 1905, which was approved April 23, carries no increase for the Bureau of Soils, the amount remaining the same as for the present year.

On April 19 Mr. Lewis Griswold resigned and Mr. L. A. Hurst was transferred from the laboratory to the soil survey.